

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Mineo Yamakawa et al.

Application No.: 10/748,389

Confirmation No.: 8159

Filed: December 29, 2003

Art Unit: 1743

For: MICROFLUID MOLECULAR-FLOW
FRACTIONATOR AND BIOREACTOR WITH
INTEGRATED ACTIVE/PASSIVE
DIFFUSION BARRIER

Examiner: P. K. Wright

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated May 15, 2007, please consider the following amendments and remarks. It is believed that no other fee(s) is required for this submission. Should, however, the U.S. Patent and Trademark Office determine that any other fee(s) is due or that any refund is owed for this application, the Commissioner is hereby authorized and requested to charge the required fee(s) and/or credit the refund(s) owed to our Deposit Account No. 04-0100.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Amendments to the Drawings begin on page 11 of this paper and include attached replacement sheets.

Remarks/Arguments begin on page 12 of this paper.

An **Appendix** including amended drawing figures is attached following page 18 of this paper.